



Felandia

General data		
Frame size	132	
Housing material	Casting iron	
Install model	According to the standard	
Type of feet	Removable feet (Standard) <i>Fixed feet</i> (Optional)	
Net weight	79 kg	
Insulation class	F H	(Standard) (Optional)
Protection degree	IP 55 IP 56	(Standard) (Optional)
Thermal protection	Without Customizable	(Standard) (Optional)
Rotation direction	Clockwise Counter clockwise	(Standard) (Optional)
Service duty	S1	
Vibration level	A	
Balance	Half-key balanced	
Cable glands	2 - M25× 1.5	
Cooling	IC 411	
Painting color	RAL 7024 Customizable	(Standard) (Optional)
Regulations	IEC / DIN / ISO / VDE / EN	
Standard	IEC 60034	

Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitude	1000 m above sea level

Electrical data		
Output	7.5	kW
Frequency	50	Hz
Voltage (±5%)	400 690 480 828	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	1440 1728	RPM @ 50Hz RPM @ 60Hz
Rated current	14.09 8.13	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	9	×In
Rated torque	49.74	Nm (Mn)
Starting torque	2.5	×Mn
Breakdown torque	3	×Mn
Efficiency	90.4 91.3 91.2	IE3 @ 100% load @ 75% load @ 50% load
Power factor cosφ	0.85	@ 100% load

Mechanical data		
Bearings brand	C&U Customizable	(Standard) (Optional)
Bearings type	6308 2RS C3 6308 2RS C3	(DE) (NDE)
Lifetime of bearings	40000 hours	
Allowed radial load	1622 N	
Allowed axial load	16000 N	
Grease type	-	
Lubrication interval of NDE bearing	- h	
Lubrication interval of DE bearing	- h	
Moment of inertia	0.044120	Kg*m ²
Noise level	71	dB(A)